

Pak

CRF Errors Corrected by the STIC Systems Branch

1646

Serial Number: 09/143,828

CRF Processing Date: 11/5/99
Edited by: AN
Verified by: AN (STIC staff)

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____.

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included:

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____.

Inserted mandatory headings, specifically:

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

Other:

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/143,828DATE: 11/05/1999
TIME: 15:18:48

Input Set: I143828.RAW

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

1 <110> Pharmacia & Upjohn
 2 <120> Novel Vitamin D Receptor Related Polypeptides, Nucleic
 3 Acid Sequence Encoding the Same and Uses Thereof
 4 <130> 10806-65
 5 <140> US/09/143,828
 6 <141> 1998-08-31
 7 <160> 4
 8 <170> PatentIn Ver. 2.0

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES FOLLOW

9 <210> 1
 E--> 10 <211> 2905
 11 <212> DNA
 12 <213> Artificial Sequence
 13 <220>
 14 <223> Description of Artificial Sequence: [cDNA of
 15 encoding sequence of vitamin D receptor related
 16 gamma (VDRRg)]
 17 <400> 1
 E--> 18 cctctgaagg ttctagaatc gatagtgaat tcgtggacg ggaagagggaa gcactgcctt
 W--> 19 60
 E--> 20 tacttcagtg ggaatctcggt cctcagccctg caagccaaatgt gttcacatgt aaaaaagccaa
 W--> 21 120
 E--> 22 gagaataaagc taataactcct gtcctgaaca aggcagcggc tccttggtaa agctactcct
 W--> 23 180
 E--> 24 tgatcgatcc tttgcaccgg attgttcaaa gtggacccca ggggagaagt cggagccaaag
 W--> 25 240
 E--> 26 aacttaccac caagcagtcc aagaggccca gaagccaaacc tggaggtgag accccaaagaa
 W--> 27 300
 E--> 28 agctggaaacc atgctgactt tgtacactgt gaggacacag agtctgttcc tggaaagccc
 W--> 29 360
 E--> 30 agtgtcaacg cagatgagga agtcggaggt ccccaaatct gccgtgtatg tggggacaag
 W--> 31 420
 E--> 32 gccactggct atcacttcaa tgtcatgaca tgtgaaggat gcaaggcctt tttcaggagg
 W--> 33 480
 E--> 34 gccatgaaac gcaacgcccc gctgaggtgc cccttccggaa agggcgccctg cgagatcacc
 W--> 35 540
 E--> 36 cggaagaccc ggcgacagtgc ccaggcctgc cgccctgcgca agtgcctggaa gagcggcatg
 W--> 37 600
 E--> 38 aagaaggaga tgatcatgtc cgacgaggcc gtggaggaga ggcgggcctt gatcaagcgg
 W--> 39 660

format error
60
120
J

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/143,828DATE: 11/05/1999
TIME: 15:18:48

Input Set: I143828.RAW

E--> 40 aagaaaagtg aacggacagg gactcagcca ctgggagtgc aggggctgac agaggagcag
W--> 41 720
E--> 42 cgatgatga tcagggagct gatggacgct cagataaaaa cctttgacac tacttctcc
W--> 43 780
E--> 44 catttcaaga atttccggct gccaggggtg cttagcagtg gctgcgagtt gccagagtct
W--> 45 840
E--> 46 ctgcaggccc catcgaggga agaagctgcc aagtggagcc aggtccggaa agatctgtgc
W--> 47 900
E--> 48 tctttgaagg tctctctgca gctgcgggg gaggatggca gtgtctggaa ctacaaaccc
W--> 49 960
E--> 50 ccagccgaca gtggcgggaa agagatcttc tccctgctgc cccacatggc tgacatgtca
W--> 51 1020
E--> 52 acctacatgt tcaaaggcat catcagctt gccaaagtca tctcctactt cagggacttg
W--> 53 1080
E--> 54 cccatcgagg accagatctc cctgctgaag gggccgctt tcgagctgtg tcaactgaga
W--> 55 1140
E--> 56 ttcaacacag tttcaacgc ggagactgga acctggaggt gtggccggct gtcctactgc
W--> 57 1200
E--> 58 ttggaagaca ctgcaggtgg cttccagcaa cttctactgg agcccatgct gaaattccac
W--> 59 1260
E--> 60 tacatgctga agaagctgca gctgcatgag gaggagtatg tgctgatgca gcccattctcc
W--> 61 1320
E--> 62 ctcttctccc cagaccgccc aggtgtgctg cagcaccccg tggtgacca gctgcaggag
W--> 63 1380
E--> 64 caattcgcca ttactctgaa gtcctacatt gaatgcaatc ggccccagcc tgctcatagg
W--> 65 1440
E--> 66 ttcttggcc tgaagatcat ggctatgctc accgagctcc gcagcatcaa tgctcagcac
W--> 67 1500
E--> 68 acccagccgc tgctgcgcatt ccaggacata caccctttg ctacccctt catgcaggag
W--> 69 1560
E--> 70 ttgttggca tcacaggttag ctgagccgct gcccctgggt gacacccctcg agaggcagcc
W--> 71 1620
E--> 72 agacccagag ccctctgagc cgccactccc gggccaagac agatggacac tgccaagagc
W--> 73 1680
E--> 74 cgacaatgcc ctgctggcct gtctccctag ggaattcctg ctatgacagc tggctagcat
W--> 75 1740
E--> 76 tcctcaggaa ggacatgggt gccccccacc cccagttcag tctgttaggaa gtgaagccac
W--> 77 1800
E--> 78 agactttac gtggagagtg cactgacctg taggtcagga ccatcagaga ggcaagggtg
W--> 79 1860
E--> 80 cccttcctt ttaaaaggcc ctgtggctg gggagaaatc cctcagatcc cactaaagtg
W--> 81 1920
E--> 82 tcaagggtgtg gaagggacca agcgcaccaag gataggccat ctgggtcta tgcccacata
W--> 83 1980
E--> 84 cccacgttg ttgccttcct gagtctttc attgctaccc ctaatagtcc tgtctccac
W--> 85 2040
E--> 86 ttcccactcg ttcccctct cttccgagct gctttgtggg ctcaaggcct gtactcatcg
W--> 87 2100
E--> 88 gcaggtgcatt gagtatctgt gggagtcctc tagagagatg agaagccagg aggcctgcac
W--> 89 2160

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/143,828DATE: 11/05/1999
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Input Set: I143828.RAW

E--> 90 caaatgtcag aagcttggca tgacccatt cccggccacat cattctgtgt ctctgcattcc
 W--> 91 2220
 E--> 92 atttgaacac attattaagc actgataata ggttagcctgc tgtgggtat acagcattga
 W--> 93 2280
 E--> 94 ctcagatata gatcctgagc tcacagagtt tatagttaaa aaaacaaaca gaaacacaaa
 W--> 95 2340
 E--> 96 caatttggat caaaaggaga aatgataag tgacaaaagc agcacaagga atttccctgt
 W--> 97 2400
 E--> 98 gtggatgctg agctgtgatg gcaggcactg ggtacccaag tgaaggttcc cgaggacatg
 W--> 99 2460
 E--> 100 agtctgttagg agcaagggca caaaactgcag ctgtgagtc gtgtgtgtga tttggtag
 W--> 101 2520
 E--> 102 gtaggtctgt ttgccacttg atggggcctg gttttgttcc tggggctgga atgctggta
 W--> 103 2580
 E--> 104 tgctctgtga caaggctacg ctgacaatca gttaaacaca ccggagaaga accattaca
 W--> 105 2640
 E--> 106 tgcacccat atttctgtgt acacatctat tctcaaagct aaagggtatg aaagtgcctg
 W--> 107 2700
 E--> 108 ccttgtttat agccacttgc gagtaaaaat tttttgcatttttcat tttcacaaat tatactttat
 W--> 109 2760
 E--> 110 ataaggcatt ccacacctaa gaactagttt tggaaatgt agccctgggt ttaatgtcaa
 W--> 111 2820
 E--> 112 atcaaggcaa aaggaattaa ataatgtact ttggctaaa aaaaaaaaaa aaaaaaaaaa
 W--> 113 2880
 E--> 114 aaaaaaaaaa aaaaaaaaaa aaaaa
 W--> 115 2905

116 <210> 3
 E--> 117 <211> 2802
 118 <212> DNA
 119 <213> Artificial Sequence
 120 <220>
 121 <223> Description of Artificial Sequence: [cDNA of
 122 encoding sequence of vitamin D receptor related
 123 gamma-2 (VDRRg-2)] *Same*
 124 <400> 3
 E--> 125 tgaattcgtg ggccctgctgg gtttagtgctg gcagcccccc tgaggccaag gacagcagca
 W--> 126 60
 E--> 127 tgacagtac caggactcac cacttcaagg aggggtccct cagagcacct gccatcccc
 W--> 128 120
 E--> 129 tgcacagtgc tgccgtgag ttggctcaa accatccaag aggcccagaa gcaaacctgg
 W--> 130 180
 E--> 131 aggtgagacc caaagaaagc tggaaaccatg ctgactttgt acactgtgag gacacagagt
 W--> 132 240
 E--> 133 ctgttctgg aaagccagt gtcaacgcag atgaggaagt cggaggtccc caaatctgcc
 W--> 134 300
 E--> 135 gtgtatgtgg ggacaaggcc actggctatc acttcaatgt catgacatgt gaaggatgca
 W--> 136 360
 E--> 137 agggctttt caggagggcc atgaaacgca acgccccggct gaggtgcccc ttccggaaagg
 W--> 138 420

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/143,828DATE: 11/05/1999
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Input Set: I143828.RAW

E--> 139 ggcctgcga gatcacccgg aagacccggc gacagtgcga ggcctgccgc ctgcgcaga
 W--> 140 480
 E--> 141 gcctggagag cgccatgaag aaggagatga tcatgtccga cgaggccgtg gaggagaggc
 W--> 142 540
 E--> 143 gggccttgcata caagcgaaag aaaagtgaac ggacagggac tcagccactg ggagtgcagg
 W--> 144 600
 E--> 145 ggctgacaga ggagcagcgg atgatgatca gggagctgat ggacgctcag atgaaaaccc
 W--> 146 660
 E--> 147 ttgacactac cttctccat ttcaagaatt tccggctgcc aggggtgctt agcagtggct
 W--> 148 720
 E--> 149 gcgagttgcc agagtctctg caggccccat cgagggaaaga agctgccaag tggagccagg
 W--> 150 780
 E--> 151 tccggaaaga tctgtgtct ttgaaggtct ctctgcagct gcggggggag gatggcagtg
 W--> 152 840
 E--> 153 tctggaaacta caaaccggcc gcccacagtgc gcgggaaaga gatcttctcc ctgctgcccc
 W--> 154 900
 E--> 155 acatggctga catgtcaacc tacatgttca aaggcatcat cagcttgcc aaagtcatct
 W--> 156 960
 E--> 157 cctacttcag ggacttgcctc atcgaggacc agatctccct gctgaagggg gcccgtttcg
 W--> 158 1020
 E--> 159 agctgtgtca actgagattc aacacagtgt tcaacgcggg gactggaacc tgggagtgtg
 W--> 160 1080
 E--> 161 gccggctgtc ctactgcttg gaagacactg caggtggctt ccagcaactt ctactggagc
 W--> 162 1140
 E--> 163 ccatgctgaa attccactac atgctgaaga agctgcagct gcatgaggag gagtatgtgc
 W--> 164 1200
 E--> 165 tggatgcaggc catctccctc ttctccccag accgcccagg tggatgcagg caccgcgtgg
 W--> 166 1260
 E--> 167 tggaccagct gcaggagcaa ttgcatttgc tctgtggctt ctacattgaa tgcaatcgcc
 W--> 168 1320
 E--> 169 cccagcctgc tcatagggttc ttgttcttgc agatcatggc tatgctcacc gagctccgca
 W--> 170 1380
 E--> 171 gcatcaatgc tcagcacacc cagcggctgc tgccatcca ggacatacac cccttgcta
 W--> 172 1440
 E--> 173 cgccccctcat gcaggagttt ttgcatttgc caggtggctt agcggctgcc cttgggtgac
 W--> 174 1500
 E--> 175 acctcccgaga ggcagccaga cccagagccc tctgagccgc cactccggg ccaagacaga
 W--> 176 1560
 E--> 177 tggacactgc caagagccga caatgcctg ctggcctgtc tccctaggaa attcctgcta
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 E--> 179 tgacagctgg ctgcatttgc tcatggatggc catgggtgcc cccacccccc agttcagtct
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 W--> 184 1800
 E--> 185 cagatccac taaagtgtca aggtgtggaa gggaccaagc gaccaaggat aggccatctg
 W--> 186 1860
 E--> 187 gggatctatgc ccacataccc acgtttgttc gcttcctgag tctttcatt gctacctcta
 W--> 188 1920

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RAW SEQUENCE LISTING
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Input Set: I143828.RAW

E--> 189 atagtccctgt ctccccacttc ccactcggttc ccctccctttt ccgagctgct ttgtgggctc
W--> 190 1980
E--> 191 aaggccctgtta ctcatcggtca ggtgcattgag tatctgtggg agtcctctag agagatgaga
W--> 192 2040
E--> 193 agccaggagg cctgcaccaa atgtcagaag cttggcatga cctcattccg gccacatcat
W--> 194 2100
E--> 195 tctgtgtctc tgcattccatt tgaacacattt attaagcact gataataggt agcctgctgt
W--> 196 2160
E--> 197 ggggtataca gcattgactc agatatacat cctgagctca cagagtttat agttaaaaaaa
W--> 198 2220
E--> 199 acaaacagaa acacaaacaa tttggatcaa aaggagaaaa tgataagtga caaaagcagc
W--> 200 2280
E--> 201 acaaggaatt tccctgtgtg gatgctgagc tgtgatggca ggcactgggt acccaagtga
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E--> 203 aggttcccgaa ggacatgagt ctgttaggagc aagggcaccaa actgcagctg tgagtgcgtg
W--> 204 2400
E--> 205 tgtgtgattt ggtgttaggta ggtctgtttt ccacttgatg gggcctgggt ttgttcctgg
W--> 206 2460
E--> 207 ggctggaatg ctgggtatgc tctgtgacaa ggctacgctg acaatcagtt aaacacacccg
W--> 208 2520
E--> 209 gagaagaacc atttacatgc accttatatt tctgtgtaca catctattct caaagctaaa
W--> 210 2580
E--> 211 gggtatgaaa gtgcctgcct tgtttatagc cacttgcgtg taaaaatttt tttgcatttt
W--> 212 2640
E--> 213 cacaaattat actttatata aggcattcca cacctaagaa ctagttttgg gaaatgttagc
W--> 214 2700
E--> 215 cctgggttta atgtcaaatc aaggcaaaag gaattaaata atgtactttt ggctaaaaaa
W--> 216 2760
E--> 217 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aa
218 2802